ABSTRACT

A cordless blind comprising a headrail, a bottom rail suspended from the headrail by a first cord and a second cord. A window covering disposed between the headrail and the bottom rail, a drive actuator including a spring motor and a spool for accumulating the cords is coupled to the spring motor. A one-way tensioning mechanism is mounted and coupled to the drive actuator and the bottom rail wherein the tensioning mechanism is configured to provide a resistant force on movement of one of the first and second cords in one direction. Another embodiment of the cordless blind provides the one-way tensioning mechanism comprising a mechanism bracket with the mechanism bracket having a base and a first upright and second upright coupled to the base. Each upright defines an aperture proximate a distal end of each upright and further each upright including a pawl with one pawl aligned in facing relationship with the other pawl. A pulley is mounted between the two uprights. The pulley has a cylinder with a sidewall at each end of the cylinder with each sidewall having an interface and an outerface. Each outerface has a plurality of ratchet teeth configured to selectively engage the pawl on each upright. The pulley is configured to move within the apertures to one of a free-wheeling position and a stopped position.